DAEWOO ELECTRONICS

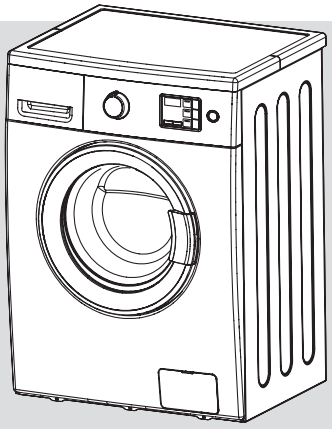
Washing Machine Instruction Manual

DWDNU1221

INSTRUCTION MANUAL

■ **Economic washing system**
The washing machine determines the water level and washing time automatically by sensing the amount of laundry and water temperature in order to minimize energy and water consumption.

■ **Low noise system**
The washing machine minimizes the spinning noise level by sensing the amount of laundry and ensuring it is balanced before spinning.



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A NOTE TO YOU

Thank you for buying a DAEWOO appliance.
DAEWOO washers are easy to use, save time, and help you manage your home better.
This manual contains valuable information about how to operate and maintain your washer properly and safely.
Please read it carefully.

WASHER SAFETY

Save these instructions

Your safety is important to us.
To reduce the risk of fire, electrical shock, or injury when using your washer adhere to the following basic precautions.

Read all instructions before using your washer
• Flammable fluids (dry-cleaning solvents, kerosene, gasoline, etc.) should not be used or stored in or near your washer. Do not add flammable fluids to your wash water.These substances give off vapors that can create a fire hazard or explosion. • After starting a cycle, do not reach into the washer until all motions stop. • Do not tamper with the controls. • The appliance is not intended for use by young children or infirm persons without supervision. • If the supply cord is damaged, it must be replaced by the manufacturer, or its service agent or a similarly qualified person in order to avoid a hazard. • If the appliance is supplied from a cord extension set or electrical portable outlet device it should be positioned so that it is not subjected to splashing or ingress of moisture. Please ... • Have only a qualified person install, repair, or replace parts on washer. • Maintain washer properly. • Protect washer from the weather and keep it where the temperature will not fall below freezing. • Do not install the washer at a place of extremely high humidity. It could cause an electric shock or a short circuit. • Connect washer to the correct outlet, electrical supply, water supply, and drain supply.

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WASHER SAFETY

Understanding your responsibilities

- Do not use chlorine bleach and ammonia or acid(such as vinegar or rust remover) in the same wash. Hazardous fumes can form.
- Unplug power supply cord before attempting to service your washer.
- Do not wash fiberglass material.
  Small particles can stick to fabrics washed in following loads and cause skin irritation.
- Do not spray water on the control panel of the washer.

  It could cause fire or an electric shock.
- In case of the dual valve model, if you connect only cold water inlet valve, while water temperature is selected as hot or warm, there can be water leakage from unconnected water inlet valve.
- This appliance must be grounded.

  To avoid electrical shock, use a metal pipe for the ground connection.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or metal capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazard involved.
- Children should not play with the appliance.
- Cleaning and user maintenance shall not be carried out by children without supervision.
- If you want to obtain user manual, please visit our website at www.daewooelectronics.co.uk or call our customer services on 0118 925 2577.

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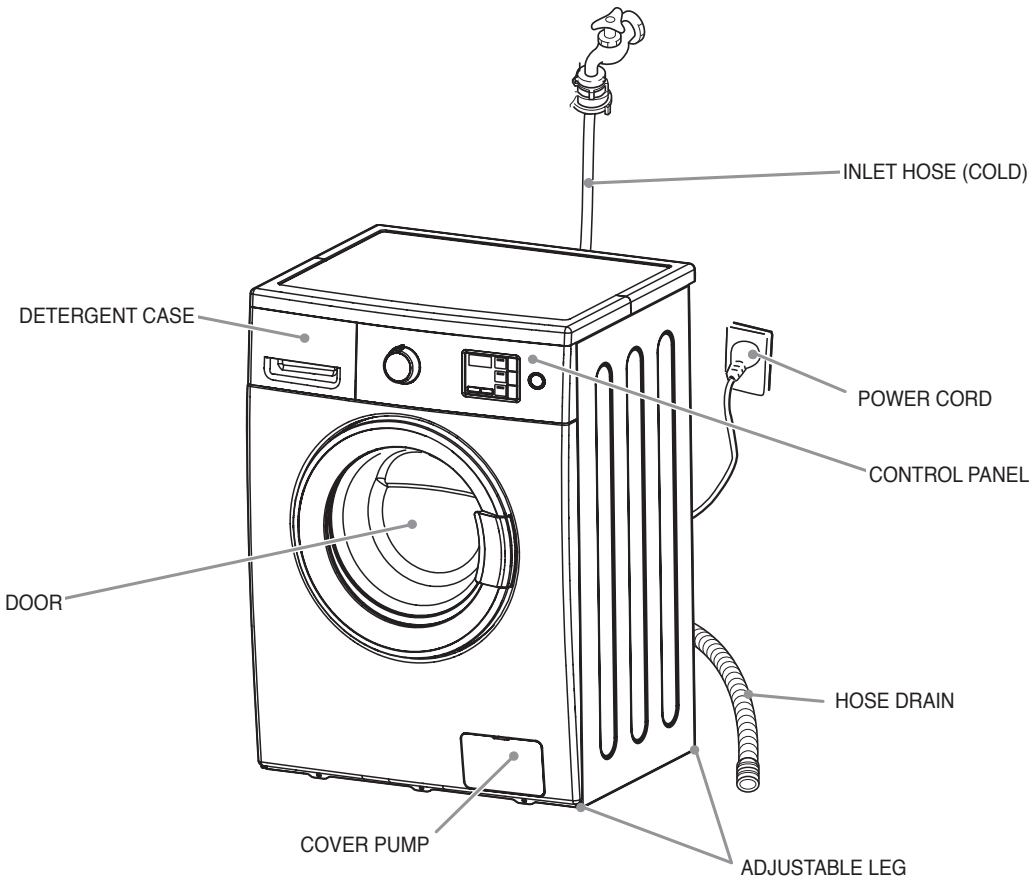
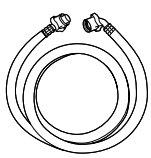
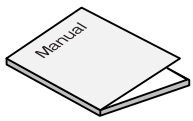
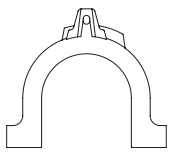
PARTS AND FEATURES

The parts and features of your washer are illustrated on the page.
Become familiar with all parts and features before using your washer.

NOTE
The drawings in the book may vary from your washer model.
They are designed to show the different features of all models coverd by this book.
Your model may not include all features.



Accessories

Inlet hose	Manual	Sticker holder (3EA)	Guide Hose Drain (Option)
			

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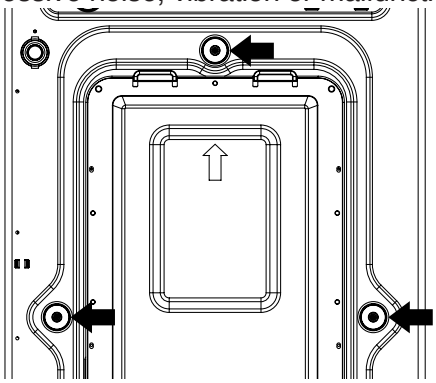
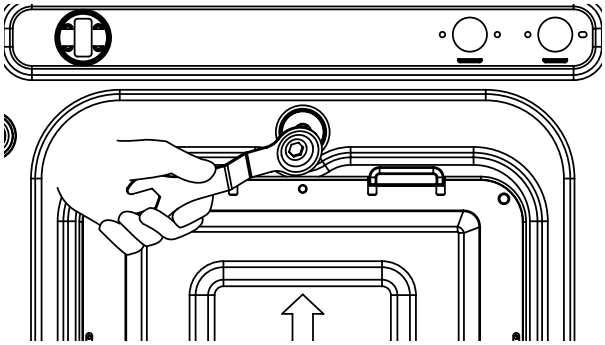
INSTALLATION INSTRUCTIONS

Removing transit bolts

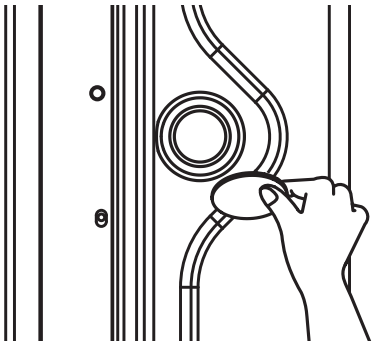
1. Before operating the washer, remove the transit bolts(x3) along with the rubber around them.
   • If the bolts are not removed, it may cause excessive noise, vibration or malfunction.



2. Unscrew the 3 bolts with a 10mm hex wrench or spanner or cross-tip screwdriver. Do not discard the bolts.
   • When the appliance is transported, the transit bolts will need to be re-used.

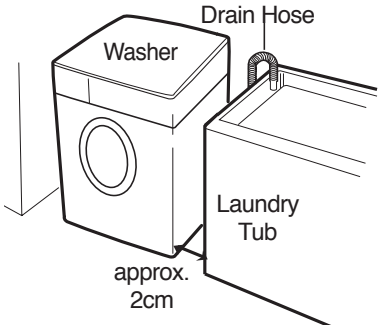


3. Close the holes with the sticker holders supplied.



Location of washer

• Check the location where the washer will be installed. Make sure you have everything necessary for correct installation.
• Do not place or store your washer below 0°C (32°F) to avoid any damage from freezing.
• Do not place or store laundry products on top of washer at any times.
• Install the washer on the horizontal, solid, level floor.
  If the washer is installed on an unsuitable floor, it could make considerable noise, vibrate severely and cause a malfunction. If the washer is not level, adjust leg up or down for horizontal installation.
• Ventilation openings must not be obstructed by carpeting when the washer is installed on a carpeted floor.
• Leave some space around the machine (right & left : 2cm, rear : 10cm).
• In case of built-in installation, the distance between top of the washer and bottom of upper plate should be at least 3mm.



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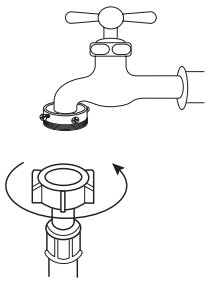
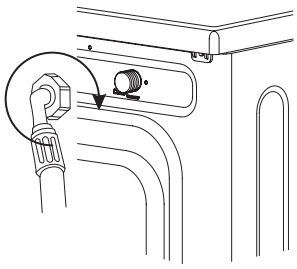
Inlet hose connection

• The washer should be connected to the water mains using new hose set and old hose sets should not be reused.
• In case of only one water inlet valve, connect the inlet hose to the cold water tap.



1. Connect the inlet hose to the water tap tightly.

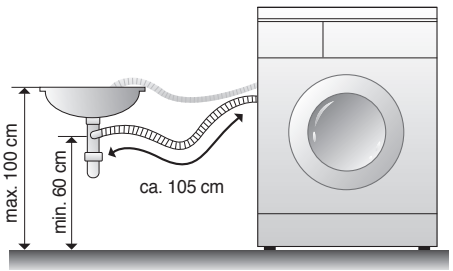


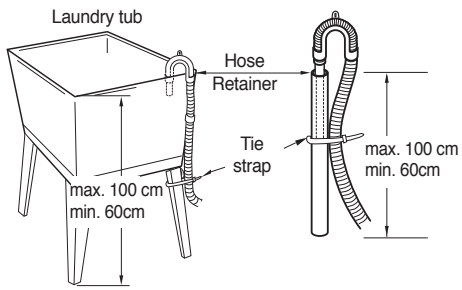
2. Connect the inlet hose to the water inlet valve tightly.

• Periodically check the tightness of the inlet hose.
• Make sure that the inlet hose is not kinked or folded and that it is not crushed.

Drain system

• Never forget to install drain hose before operating your washer.
• Open the packing box, and the drain hose is tied at backside of washer.
• If you use the laundry tub, Top of laundry tub must be at least 60cm high and no higher than 100cm from bottom of washer.





• When installing the drain hose to tub(sink), secure it tightly with a string.
• Proper securing of the drain hose will protect the floor from damage due to water leakage.
• When the drain hose is too long, do not force it back into the washer.
This will cause abnormal noise.

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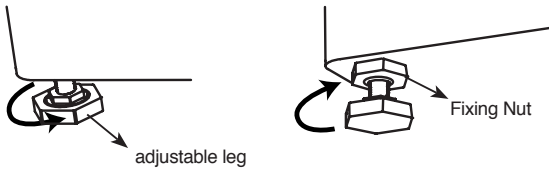
Level adjustment

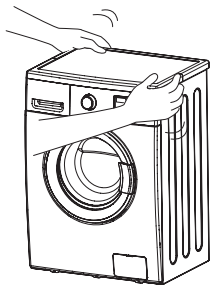
① If the washer is installed on an unsuitable floor, it could make considerable noise, vibrate and cause a malfunction.

② Adjust the level of washer using adjustable legs.

- Please check if there is any gap between the four adjustable legs and the floor.
- Adjust the level of washer by turning adjustable legs.
- After the adjustment is finished, turn the fixing nuts up tightly so that the washer maintains the adjustment.



③ Make it sure that the washer does not sway when you press down the four corners of the washer's top plate.
And make it sure that there is no swaying of washer.



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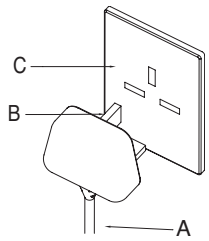
ELECTRICAL REQUIREMENTS

WARNING	Electrical shock hazard : Failure to follow these instructions could result in death or serious injury.

- Electrical earth is required on this washer.
- If it does not fit the outlet, have a proper outlet installed by a qualified electrician.
- Don't earth to a gas pipe.
- Don't change the power supply cord plug.
- Check with a qualified electrician if you are not sure the washer is properly earthed.

Recommended earthing method



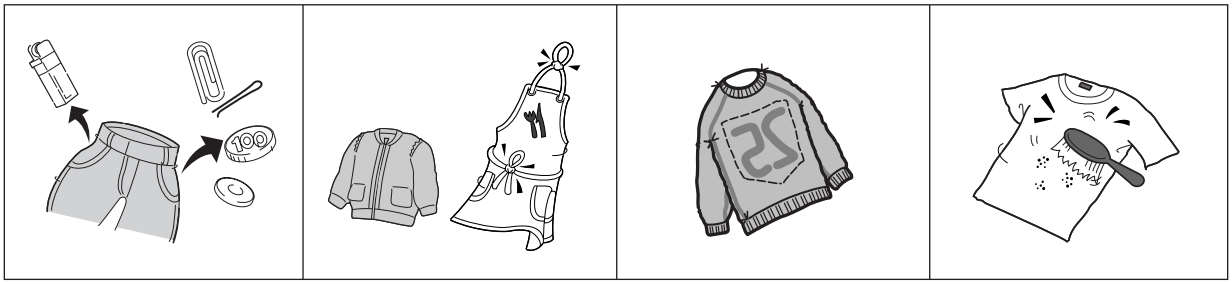
For your personal safety, this washer must be earthed.
This washer is equipped with a power supply cord 'A' having a earthing plug 'B'.
To minimize possible shock hazard, the cord must be plugged into a mating earthing-type plug socket 'C'. If a mating plug socket is not available, it is the personal responsibility and obligation of the customer to have the proper earthed plug socket installed by a qualified electrician.

OPERATING YOUR WASHER

To obtain the best washing results, you must operate your washer properly.
This section gives you this important information.

Preparing clothes for washing

- Close zippers, snaps, and hooks to avoid snagging other items.
  Remove pin, buckles, and other hard objects to avoid scratching the washer interior.
- Empty pockets and pull them inside out.
- Turn down cuffs and turn synthetic knits inside out to avoid pilling.
- Tie strings and sashes to avoid tangling.
- Treat spots and stains.
  (See 'REMOVING STAINS' on page 14)



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Sorting

- Separate heavily soiled items from lightly soiled ones, even if they would normally be washed together.
- Separate dark colors from light colors, colorfast items from non-colorfast item.

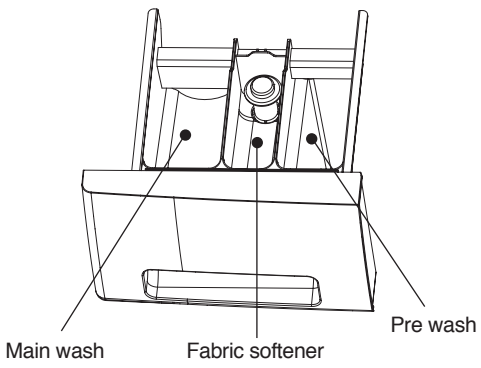
Soil (Heavy, Normal, Light)	Separate clothes according to amount of soil.
Color (White, Lights, Darks)	Separate white clothes from colored clothes.
Lint (Lint producers, Collectors)	Wash lint producers and lint collectors separately.

Loading

- Drop items into washer loosely. Items should move easily through wash water for best cleaning and wrinkle-free results.
- Load washer properly and select correct load size setting.
  Overloading and selecting a setting too small for the wash load can :
  - Cause poor cleaning
  - Increase wrinkling
  - Create excessive lint
  - Wear out items faster (because of pilling)
- Mix large and small items in each load. Load evenly to maintain washer balance.
  An unbalanced load can make the washer vibrate during spin or not complete spin cycle.
- Reduce wash time when using a small load size setting. Load with only a few small items needs less wash time.
- Use a large load size setting to reduce wrinkling with permanent press clothes and some synthetic knits. These items should have more room to move in the water than heavy items. (towels, jeans)

Adding detergent

① Detergent case



② Adding fabric softener

- If desired, add measured liquid fabric softener to the softener inlet.
- Pour liquid fabric softener into the dispenser using the amount recommended on the package.
- Do not exceed the maximum fill line. Overfilling can cause early dispensing of the fabric softener which could stain clothes.
- Do not open the detergent case when water is supplied.
- Avoid pouring fabric softener directly on the clothes.

- Please use only the powder detergent for the front loader washing machine.
- Please use the proper amount of detergent in conformity with the instruction of the detergent manufacturer.
- A use of a large amount of detergent more than the recommended amount can cause many soapsuds and the overload to the motor. In addition to, this will deteriorate the washing and rinse performance.
- If too much detergent used, it can occur that the detergent directly falls down to the inside cavity. In this case, remove the detergent case and clean the cavity after washing cycle is finished. (See page 13)

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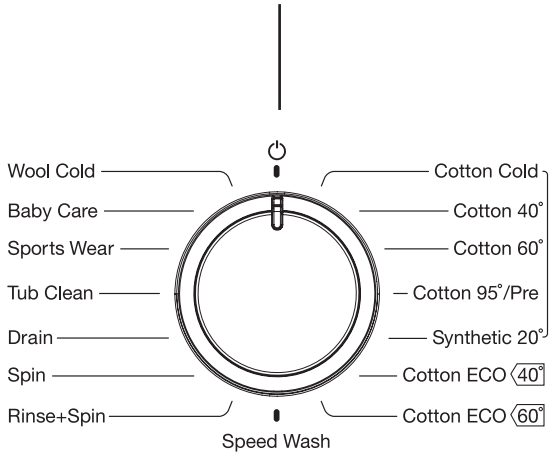
THE FUNCTIONS OF THE CONTROL PANEL

Program selector

For switching the washing machine on and off and for selecting the program.
Can be rotated in both directions.
Even if the program selector rotates while the program is running, the program is not changed (except for off ⏻) .
(All program is electronically controlled by PCB)

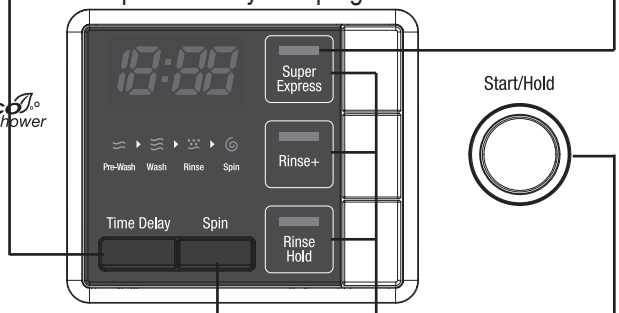


Indicator light

The respective indicator lights up, when the required program segment runs.

Time delay

To pre-engage time for washing.
As the button is pressed, the delayed time is repeated as following;
2hours → 3hours → 4hours → • • •
→ 10hours → 11hours → max 12hours
This option is enabled with COTTON, COTTON Eco, SYNTHETIC, Speed Wash, Tub Clean, Sports wear, Rinse+Spin and Baby care programs.



Spin selector

You can select the spin programs(Spin 400rpm, 600rpm, 800rpm, 1000rpm, 1200rpm) by pressing the program selector.

400rpm of spin velocity is selected automatically with WOOL/TUB CLEAN programs in order to protect damage on laundry.

800rpm of spin velocity is selected automatically with COTTON/SYNTHETIC/BABY CARE/ SPEED WASH/ SPORTS WEAR/SPIN/ RINSE+SPIN programs.

1200rpm of spin velocity is selected automatically with COTTON ECO 40 & 60 °C

*Warning : If the washing load is unbalanced the machine will not be able to reach the RPM spin speed selected.

Button for options

(in addition to the program if required)

Super Express Use reduce the laundry time or wash the mild dirty.
Rinse + Extra rinse cycle.
Rinse Hold No final spin cycle

• The indicator lamp of the buttons lights up if options are active.
• Canceling options : Press button again.

Start/Hold button

For starting the washing cycle.
(program must have been selected)

Note

The washing time may vary by the amount of laundry, water pressure, water temperature and other washing conditions. If an unbalanced load is detected the washing time maybe extended. (Maximum increasing time is about 1 hour.)
In order to use another program, set the program dial to 'OFF MODE' position and check the window display to ensure the screen is turned off and then select another program by turning the dial.

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PROGRAMS AND FUNCTIONS

Programs and functions

Program	Fabric type	Proper Temp.	Degree of soiling	Option	Max. Load	Remark
COTTON	Colourfast garments (shirts, night dresses, pyjamas...) and lightly soiled white cotton (underwear...).	Cold 40°C	Lightly soiled	Rinse+ Rinse Hold Super Express	Rating	First Check if laundry is washable.
		60°C	Normally to heavily soiled			
		95°C/Pre	Heavily soiled			
SYNTHETIC	Made of polyamide, acrylic, polyester, (synthetic or blended fabrics).	20°C	Lightly soiled	Rinse+ Rinse Hold Super Express	2.5kg	
Cotton eco	Colourfast garments (shirts, night dresses, pyjamas...) and lightly soiled white cotton (underwear...).	40°C	Lightly soiled	Rinse+ Rinse Hold	Rating	First Check if laundry is washable.
		60°C	Normally to heavily soiled			
Speed Wash	Coloured laundry.	Cold	Lightly soiled	Rinse+ Rinse Hold	1.0kg	Short program (Fast washing time)
Tub Clean	Use to clean the Tub and Drum.	Cold	-	Rinse+ Rinse Hold	without load	
Sportswear	Lightly soiled fast and thin laundry.	Cold	Lightly soiled	Rinse+ Rinse Hold	Rating	
Baby care	Baby clothes	95°C	Normally soiled	Rinse+ Rinse Hold Super Express	Rating	
WOOL	Machine washable wool and wool-rich textiles or silk.	Cold 30°C	Lightly soiled		1.0kg	First Check if laundry is washable.

NOTICE : Set program at "COTTON 40°C Eco" and "COTTON 60°C Eco" for test in accordance or in conformity with EN60456 and IEC60456 . This option has longer setting time for washing.

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Rinse : Rinse cycle with subsequent spin cycle for rinsing hand-washed items.

Spin : Spin cycle after a program with setting 'Rinse Hold' is finished or for spinning hand-washed washing. Washing and rinsing water is drained before the spin cycle.

Drain : Water is drained after program with setting 'Rinse Hold' is finished.

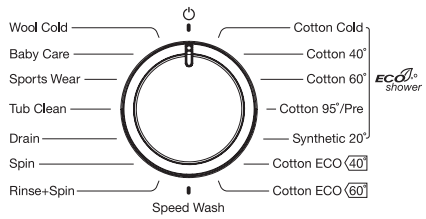
Rinse+ : Additional rinsing of laundry. Program duration and rinsing water is extended accordingly. This help to remove residuary traces of detergent and recommended in area with very soft water. Rinse+ option is selectable with all programs except WOOL, Spin and Drain programs.

Rinse Hold : For delicate textiles and net curtains. All program can be carried out without the final spin cycle. The laundry is left in the final rinsing water. Before the laundry is unloaded, the 'Drain' or 'Spin' must be run by using program selector. Rinse Hold option is not selectable with WOOL, Spin and Drain programs.

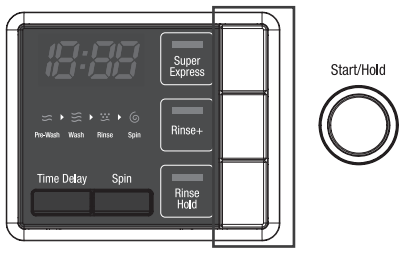
Super Express : Use this function when you want to reduce the laundry time or wash the mildly dirty. It reduce the laundry time and number of rinse.

WASHING PROCEDURE AND PROGRAM SELECTION

Washing Procedure

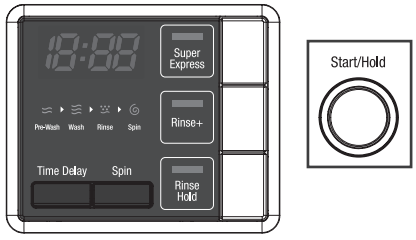


• Turn the program selector to the desired program.
The indicator light of Start/Hold button is on.



• If required, press the button(s) for option(s).
The indicator light of the selected option button is on.

Note
If you want to finish washing program during 'Rinse Hold' process, press the 'Start/Hold' button once. Then the 'Rinse Hold' process stops and the 'Spin' course selected automatically. (The indicator light of 'Rinse Hold' button is not twinkle anymore.) When you press the 'Start/Hold' button once again, spin sequence begin. You can take out laundry after spin course finish.



• Press the Start/Hold button.
The selected program starts and the indicator light of Start/Hold button twinkle: will flash.

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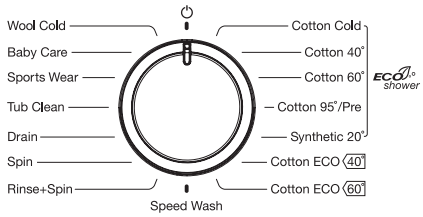
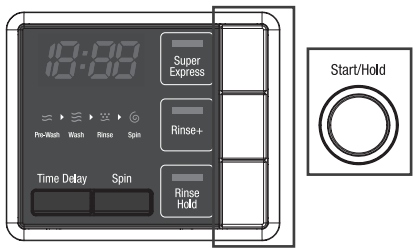
Changing the program

If you have accidentally selected the wrong program, follows next procedure.



• Turn the program selector to OFF ⏻ and reselect the desired program by using the program selector.

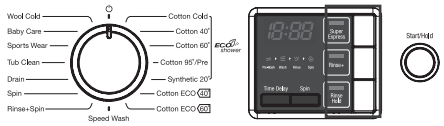


• Press the Start/Hold button.
The selected program stops and the indicator light of Start/Hold button is not flashing on.

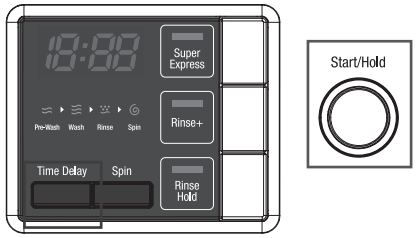
• If required, select the option(s).
And press the Start/Hold button. The newly selected program starts.

Using Time delay

Firstly, you select the desired program and option(s).



• Pressing the 'Time Delay' button, select the delayed time.
'Time delay' function is not selectable with WOOL program.



• Press the 'Start/Hold' button.
The indicator light of 'Start/Hold' is off and the indicator light corresponding to the selected time is on.
• The displayed time shows program finishing time.

✳ Canceling Time delay
• Press the 'Start/Hold' button.
(Then the indicator light of 'Start/Hold' is on.)
• Turn the program selector to OFF.

After washing

When the washing is complete, the indicator light of Start/Hold button is not twinkle but on. (not flashing)
• Turn the program selector to OFF .

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PRODUCT INFORMATION

Most efficient programs for cotton laundry

The following programme are suitable for cleaning normally soiled cotton texiles and are the most efficient with respect to combined energy and water consumption.

Program		Load (kg)	Energy (kWh)	Water (L)	RMC (%)	Duration (min)
Cotton	60˚C	7.0	0.71	41.5	52.2	244
		3.5	0.82	38.3	54.3	254
	40˚C	3.5	0.52	37.6	54.5	160

The actual water temperature, energy, water, RMC and duration may differ from the declared value in the following table.

RMC(remaining moisture content) means the amount of moisture contained in the load at the end of the spinning phase.

The power consumption of the off mode and of the left-on mode

the off mode	0.11 W	**the left-on mode**	0.49 W

Recommendation for the detergents

Washing and type of textile	Washing programme	Washing temperature	Detergent
Boil washable white washing made of linen or cotton	Cotton (Cottons)	20°C - max. 90°C	Standard detergent containing bleach and optical brighteners
Coloured washing made of linen or cotton	Cotton (Cottons)	20°C - max. 60°C	Colour detergent without bleach and optical brighteners
Coloured washing made of easy-care fibres, synthetic materials	Easy-Care	20°C - max. 60°C	Colour/mild deergent without optical brighteners
Delicate fine textiles, silk or viscose	Delicate / Silk	20°C - max. 40°C	Mild detergent
Wool	Wool	20°C - max. 40°C	Detergent for woollens

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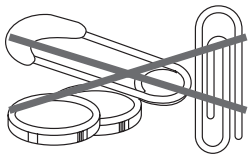
MAINTENANCE

Proper care of your washer can extend its life. This section explains how to care for your washer properly and safely.

Cleaning your washer

Exterior	Interior
Wipe up detergent, bleach, and other spills with a soft, damp cloth or sponge as they occur. Occasionally wipe the outside of the washer to keep its looking like new one. 	Clean interior with 250ml of chlorine bleach mixed with 500ml of detergent. Run washer through a complete cycle with no washing in it. Repeat this process if necessary.
Do not put sharp or metal object in your washer, or they can damage the finish. Check all pockets for pins, clips, money, bolts, nuts, etc. Do not put these objects in your washer after emptying pockets. 	

Winter storage or moving care

Install and store your washer where it will not freeze. Because some water may stay in the hoses, freezing can damage your washer.
If you store or move your washer during freezing weather, winterize it.

To winterize washer	To use washer again
• Turn off the water tap. • Disconnect inlet hoses and drain the water of inlet hoses. • Run the washer on the drain and spin cycle setting. • Unplug the power supply cord.	• Flush water pipes and hoses. • Reconnect water inlet hoses. • Turn on water faucet. • Reconnect power supply cord.

Non-use or vacation care

Operate your washer only when you are at home.
If you are on vacation or don't use your washer for an extended period of time, you should:
• Unplug the power supply cord or turn off eletrical power to the washer.
• Turn off the water supply to the washer.
This helps avoid accidental flooding (due to a water pressure surge) while you are away.

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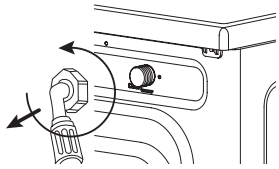
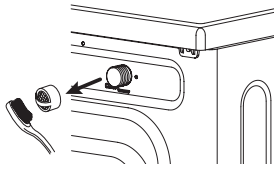
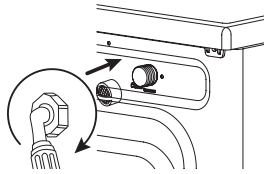
HOW TO CLEAN THE FILTER

Cleaning the water inlet filter

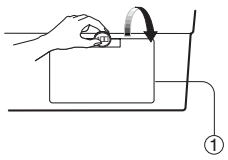
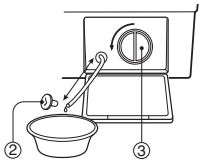
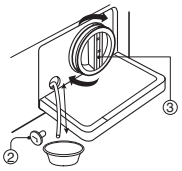
• Clean the filter when water leaks from the water inlet.

① Turn off the water tap.	② Separate the inlet hose.	③ Pull out the inlet filter. Clean the inlet filter with the brush.	④ Connect the inlet hose.
			

Cleaning the drain filter

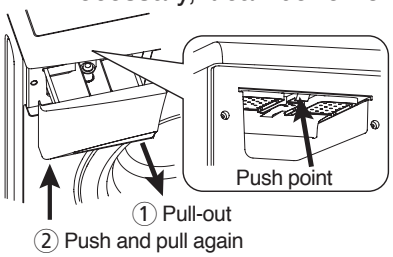
• This drain filter is used to screen the foreign stuffs such as threads, coins, pins, buttons etc..
• If the drain filter is not cleaned regularly (every 10 times of use), drain problem could be caused.

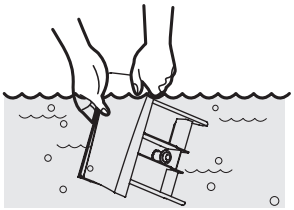
CAUTION : Be careful when draining if the water is hot.

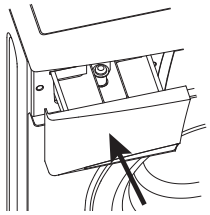
1. Open the lower cover(①) by using a coin. Remove the cap hose(②) to pull out the hose.	2. Unplug the cap hose(②), allowing the water to flow out. At this time use a vessel to prevent water flowing on to the floor. When water does not flow any more, turn the pump filter(③) open to the left.	3. Remove any foreign material from the pump filter(③). After cleaning, turn the pump filter clockwise and insert the cap hose(②) to the original place. Close the lower cover.
		

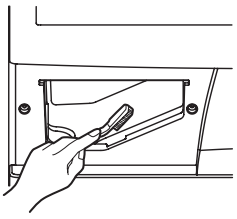
Cleaning the detergent case

• In case of residual detergents or fabric softeners have accumulated ;
- It should be cleaned with a jet of running water.
- If necessary, it can be removed completely from the washing machine.









• Detergents can be also accumulate the inside cavity.
In this case, the inside cavity should be cleaned with a brush.
• After cleaning, replace the detergent case and run Rinse cycle without laundry.

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REMOVING STAINS

Stained, heavily-soiled, or greasy items may need to be prewashed or soaked for best results. Soaking helps remove protein-type stains like blood, milk or grass. Prewashing helps loosen soil before washing.

Stain removal rules

- Use warm water for soaking or prewashing stained laundry. Hot water can set stains.
- Most stains are easier to remove when they are fresh.
- Before treating any stain, find out what kind of stain it is, how old the stain is, what kind of fabric it is, and whether the fabric is colorfast. (Check the care label)
- Washing and drying can set some stains.
- Start with cold or warm water. Hot water can set some stains.
- When bleach is recommended, use a bleach that is safe for the fabric.
- Put the stained area face down on a paper towel or white cloth. Apply the stain remover to the back of the stain. This forces the stain off fabric instead of through it.

Stain removal guide

STAIN	TO REMOVE
Blood	Rinse immediately in COLD water. If stain remains, soak in cold water with an enzyme prewash.
Chewing gum	Use ice in plastic bag to harden the gum. Scrape off what you can and then sponge with white spirits.
Cocoa, Chocolate	Sponge with COLD water and soak in an enzyme prewash. If stains persist, rub in a little detergent and rinse in cold water.
Coffee	Blot up quickly and rinse out in COLD water. Rub in a little detergent and wash in the maximum temperature allowed for the fabric type.
Cream/Milk Ice cream	Rinse in COLD water and wash normally. If stain is still apparent, sponge with white spirits.
Deodorant	Rub affected area with white vinegar and then rinse out in COLD water. Sponge with white spirits. Treat stiffened areas with enzyme prewash.
Egg	Soak in a COLD enzyme prewash, rinse and wash normally.
Fabric/Softener	Rub affected area with bar soap and wash normally.
Fruit stains	Treat as soon as possible by sponging with COLD water. Rub a little detergent on the stain and wash normally.
Grass	Sponge with white spirits. Rub in an enzyme prewash and wash as normally.
Grease and oil	Lay the affected area face down on an absorbent cloth and work from the back. Sponge with white spirits or dry cleaning fluid. Wash normally.
Iron or rust	Apply lemon juice and salt and place in the sun. Wash normally.
Lipstick	Sponge with white methylated spirits and wash normally.
Mildew	Wash in WARM water and detergent. Moisten area with lemon juice, dry in the sun and wash normally. If stain persists and the fabric allows, use a bleach.
Mud	Brush off any dry mud. Rinse in cold water. If stain persists rub in a little detergent and wash normally.
Paint-oil based	Scrape off any fresh paint and sponge with a non flammable dry cleaning fluid and wash normally.
Paint-water based	Treat while still wet, rinse in WARM water and wash normally.
Scorch marks	Dampen a cloth with hydrogen peroxide, lay it over the affected area and press with a fairly hot iron.

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TROUBLE SHOOTING

Most problems are easily solved if you understand the cause.
Check the following list for problem before calling for service.

Problem	Cause	Solution
Program does not start.	Plug is loose or not plugged in.	Insert plug tightly.
	Power failure.	An interrupted program will be resumed when the power return.
	Loading door is not closed.	Check whether laundry is trapped in door. Close the loading door. (a click should be heard)
	Program is not selected.	Select the desired program.
	Start/Hold button is not pressed.	Press the Start/Hold button.
Water dose not enter the washing machine.	Water tap is not turned on.	Turn the water tap on.
	Inlet hose is kinked or folded.	Straighten the inlet hose.
	Filters is blocked in water inlet filter.	Clean the water inlet filter.
Washing machine is not drain.	Drain hose is kinked or clogged.	Straighten and clean the drain hose.
	Pump filter is clogged.	Clean the pump filter.
Washing machine is not spin.	The amount of laundry is too small.	Add the laundry to balance. And repeat the Spin cycle.
	The laundry is unbalanced.	Rearrange the laundry. And repeat the Spin cycle. If articles of heavy clothing (e.g. bath robe) are loaded, washing machine may skip or stop the spin cycle.
Spin result is unsatisfactory.	Drain hose is placed over 1m above the floor.	Place the drain hose under 1m above the floor.
Foam come out of the detergent case.	Too much detergent or unsuitable detergent used.	Repeat the Rinse cycle.
Serious noise and vibration.	Transit bolts are not removed.	Remove the transit bolts.
	Washing machine is installed on uneven floor.	Reinstall washing machine on even floor.
	Washing machine is not leveled.	Adjust the level of washing machine using adjustable legs.

■ **DISPLAY ERROR MESSAGE**

MESSAGE	ERROR	CAUSE	SOLUTION
IE	WATER INLET ERROR	The water tap is closed.	Open the water tap.
		The filter of the valve inlet is clogged.	Clean the filter of the valve inlet.
		The valve inlet is an inferior product or broke down.	Change the valve inlet.
		The water level sensor (sensor pressure) is an inferior product or broke down.	Change the water level sensor (sensor pressure).
		The drain motor works during water supply.	Change the drain motor.
		The PCB ASS'Y does not check the water level.	Change the PCB ASS'Y.
OE	DRAIN ERROR	The drain hose is kinked or clogged.	Clean and straighten the drain hose.
		The drain motor is an inferior product.	Change the drain motor.
		The valve inlet works during drain.	Change the valve inlet.
		The water level sensor is an inferior product.	Change the water level sensor.
		The PCB ASS'Y does not check the water level.	Change the PCB ASS'Y.
UE	UNBALANCE ERROR	The laundry is concentrated to one side of the drum during spin ashing load too mall.	Rearrange the laundry.
LE	DOOR OPEN ERROR	The Start/Hold button is pressed while the door is opened.	Close the door. Add mare washing.
		The switch door lock is an inferior product.	Change the switch door lock.
		The PCB ASS'Y does not check the door lock.	Change the PCB ASS'Y.

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SPECIFICATION

MODEL	DWDNU1221
Power Source	A.C 220-240V/50Hz
Power Consumption	2000 W
Dimension (mm)	NET : 595X465X850 (WXDXH)
Maximum mass of textile (kg)	7 kg
Unit Weight (kg)	55(NET) / 58(GROSS)
Standard Water Consumption	39 ℓ
Spin Speed(RPM)	400 / 600 / 800 / 1000 / 1200
Operating Water Pressure	0.05MPA ~ 0.8MPa (0.5kgf/cm² ~ 8kgf/cm²)
Off Mode Power Consumption	0.11 W
Left-on Mode Power Consumption	0.49 W

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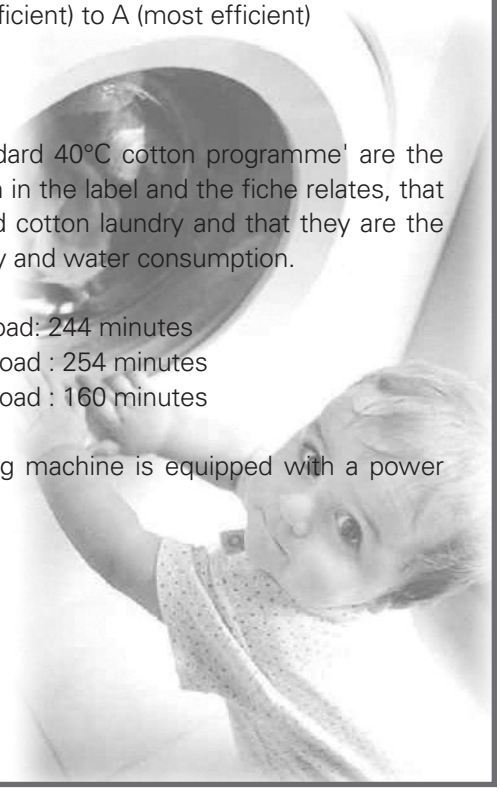
PRODUCT FICHE

Designing Excellence

DAEWOO ELECTRONICS

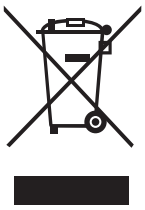
- Supplier : DONGBU DAEWOO ELECTRONICS
- Model : DWDNU1221
- Capacity : 7,0 kg
- Energy efficiency class : A+++
- Energy consumption 154 kWh per year, based on 220 standard washing cycles for cotton programmes at 60 °C and 40 °C at full and partial load, and the consumption of the low-power modes. Actual energy consumption will depend on how the appliance is used.
- Energy consumption : 0.69 kWh
- Energy consumption in the standard cotton program at 60°C with full load : 0.71 kWh
  Energy consumption in the standard cotton program at 60°C with half load : 0.82 kWh
  Energy consumption in the standard cotton program at 40°C with half load : 0.52 kWh
- Power consumption of the off-mode and of the left-on mode : 0.49 W
- Water consumption 8580 litres per year, based on 220 standard washing cycles for cotton programmes at 60 °C and 40 °C at full and partial load. Actual water consumption will depend on how the appliance is used.
- Spin-drying efficiency class B on a scale from G (least efficient) to A (most efficient)
- Maximum spin speed : 1200 rpm
- The 'standard 60 °C cotton programme' and the 'standard 40°C cotton programme' are the standard washing programmes to which the information in the label and the fiche relates, that these programmes are suitable to clean normally soiled cotton laundry and that they are the most efficient programmes in terms of combined energy and water consumption.
- Programme time of the standard 60 °C cotton with full load: 244 minutes
  Programme time of the standard 60 °C cotton with half load : 254 minutes
  Programme time of the standard 40 °C cotton with half load : 160 minutes
- Duration of the left-on mode (if the household washing machine is equipped with a power management system) : 50 minutes
- Airborne acoustical noise emissions(spinning) : 79 dB(A)
  Airborne acoustical noise emissions(washing) : 59 dB(A)



DAEWOO ELECTRONICS

DAEWOO ELECTRONICS

English



Disposal of Used Electrical & Electronic Equipment

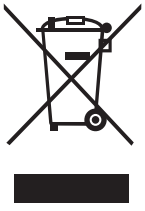
The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this equipment at your applicable collection point for the recycling of electrical & electronic equipments waste. In the European Union and Other European countries which there are separate collection systems for used electrical and electronic product. By ensuring the correct disposal of this product, you will help prevent potentially hazardous to the environment and to human health, which could otherwise be caused by unsuitable waste handling of this product. The recycling of materials will help conserve natural resources. Please do not therefore dispose of your old electrical and electronic equipment with your household waste. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Deutsch

Entsorgung von gebrauchten elektrischen und elektronischen Geräten (Anzuwenden in den Ländern der Europäischen Union und anderen europäischen Ländern mit einem separaten Sammelsystem für diese Geräte)

Das Symbol auf dem Produkt oder seiner Verpackung weist darauf hin, dass dieses Produkt nicht als normaler Haushaltsabfall zu behandeln ist, sondern an einer Annahmestelle für das Recycling von elektrischen und elektronischen Geräten abgegeben werden muss. Durch Ihren Beitrag zum korrekten Entsorgen dieses Produkts schützen Sie die Umwelt und die Gesundheit Ihrer Mitmenschen. Umwelt und Gesundheit werden durch falsches Entsorgen gefährdet. Materialrecycling hilft den Verbrauch von Rohstoffen zu verringern. Weitere Informationen über das Recycling dieses Produkts erhalten Sie von Ihrer Gemeinde, den kommunalen Entsorgungsbetrieben oder dem Geschäft, in dem Sie das Produkt gekauft haben.

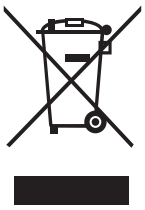
Español



Eliminación de equipamiento eléctrico y electrónico usado

Este símbolo en el producto, sus accesorios o embalaje indica que el producto no debe tratarse como un residuo doméstico. Deshágase de este equipamiento en su punto de recogida más cercano para el reciclaje de residuos eléctricos y electrónicos. En la Unión Europea y otros países europeos existen diferentes sistemas de recogida de productos eléctricos y electrónicos usados. Al asegurar la correcta eliminación de este producto ayudará a evitar riesgos potenciales para el medio ambiente y la salud de las personas que podrían tener lugar si el producto no se eliminara de forma adecuada. El reciclaje de materiales ayudará a conservar los recursos naturales. Por consiguiente, no elimine equipamiento eléctrico y electrónico usado junto con residuos domésticos. Para información más detallada acerca del reciclaje de este producto, póngase en contacto con su oficina municipal, el servicio de eliminación de residuos domésticos o el establecimiento donde adquirió el producto.

Português



Eliminação de Equipamento Eléctrico e Electrónico Usado

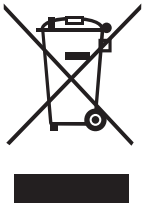
O símbolo no aparelho, nos seus acessórios ou na embalagem indica que este aparelho não deve ser tratado como resíduos domésticos. Deixe deste aparelho no ponto de recolha de material eléctrico e electrónico para reciclagem mais perto de si. Na União Europeia e noutros países europeus existem sistemas de recolha separada para produtos eléctricos e electrónicos usados. Garantindo uma eliminação correcta deste aparelho, ajudará a evitar possíveis danos ambientais e/ou pessoais, que um incorrecto tratamento do aparelho usado poderia provocar. A reciclagem de materiais ajuda a conservar os recursos naturais. Por isso, não deite fora os aparelhos eléctricos e electrónicos junto com os seus resíduos domésticos. Para informação detalhada sobre a reciclagem deste aparelho, contacte a sua Câmara Municipal, o seu serviço de recolha de lixo ou a loja onde comprou o aparelho.

Nederlands

Verwijdering van Oude Elektrische en Elektronische Apparaten (Toepasbaar in de Europese Unie en andere Europese landen met gescheiden ophaalsystemen)

Het symbool op het product of op de verpakking wijst erop dat dit product niet als huishoudafval mag worden behandeld. Het moet echter naar een plaats worden gebracht waar elektrische en elektronische apparatuur wordt gerecycled. Als u ervoor zorgt dat dit product op de correcte manier wordt verwijderd, voorkomt u mogelijk voor mens en milieu negatieve gevolgen die zich zouden kunnen voordoen in geval van verkeerde afvalbehandeling. De recyclage van materialen draagt bij tot het vrijwaren van natuurlijke bronnen. Voor meer details in verband met het recyclen van dit product, neemt u het best contact op met de gemeentelijke instanties, het bedrijf of de dienst belast met de verwijdering van huishoudafval of de winkel waar u het product hebt gekocht.

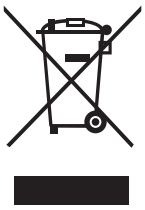
French



Traitement des appareils électriques et électroniques en fin de vie (applicable dans les pays de l'union européenne et aux autres pays européens disposant de systèmes de collecte sélective).

Ce symbole, apposé sur le produit ou sur son emballage, indique que ce produit ne doit pas être traité avec les dechets ménagers. Il doit être remis à un point de collecte approprié pour le recyclage des équipements électriques et électroniques. En s'assurant que ce produit est bien mis au rebut de manière appropriée, vous aiderez à prévenir les conséquenses négatives potentielles pour l'environnement et la santé humaine. Le recyclage des matériaux aidera à conserver les ressources naturelles. Pour toute iformation supplémentaire au sujet du recyclage de ce produit, vous pouvez consulter votre municipalité, votre déchetterie ou le magasin où vous avez acheté le produit.

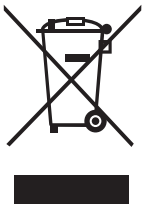
Italiano



Trattamento del dispositivo elettrico od elettronico a fine vita (Applicabile in tutti i paesi dell'Unione Europea e in quelli con sistema di raccolta differenziata)

Questo simbolo sul prodotto o sulla confezione indica che il prodotto non deve essere considerato come un normale rifiuto domestico, ma deve invece essere consegnato ad un punto di raccolta appropriato per il riciclo di apparecchi elettrici ed elettronici. Assicurandovi che questo prodotto sia smaltito correttamente, voi contribuirete a prevenire potenziali conseguenze negative per l'ambiente e per la salute che potrebbero altrimenti essere causate dal suo smaltimento inadeguato. Il riciclaggio dei materiali aiuta a conservare le risorse naturali. Per informazioni piú dettagliate circa il riciclaggio di questo prodotto, potete contattare l'ufficio comunale, il servizio locale di smaltimento rifiuti oppure il negozio dove l'avete acquistato.

Poland



Utylizacja niepotrzebnego sprzętu elektrycznego i elektronicznego

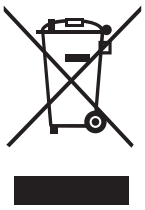
Taki symbol na produkcie lub na jego opakowaniu oznacza, że produkt nie może być traktowany jako odpad komunalny, lecz powinien być dostarczony do odpowiedniego punktu zbiórki sprzętu elektrycznego i elektronicznego, w celu przerobu i odzysku odpadów. W krajach Unii Europejskiej i w pozostałych krajach europejskich są odrębne systemy segregacji odpadów przeznaczone do utylizacji sprzętu elektrycznego i elektronicznego.
Przez takie pro ekologiczne zachowanie zapobiegaj Państwo potencjalnym negatywnym wpływom na środowisko naturalne oraz na zdrowie ludzi, jakie mogłyby wystąpić w przypadku niewłaściwego procesu składowania tego produktu. Przez zagospodarowanie materiałów oszczędzamy również surowce naturalne. Aby uzyskać bardziej szczegółowe informacje na temat przerobu i odzysku materiałów elektronicznych z tego produktu, proszę skontaktować się z urzędem miasta lub gminy, lokalnym zakładem utylizacji sprzętu elektrycznego i elektronicznego lub ze sklepem, w którym produkt został zakupiony.

Magyar

Feleslegessé vált elektromos és elektronikus készülékek hulladékként való eltávolítása (Használható az Európai Unió és egyéb európai országok szelektív hulladékgyűjtési rendszereiben)

Ez a szimbólum a készüléken vagy a csomagolásán azt jelzi, hogy a terméket ne kezelje háztartási hulladékként. Kérjük, hogy az elektromos és elektronikai hulladék gyűjtésére kijelölt gyűjtőhelyen adja le. A feleslegessé vált termékének helyes kezelésével segít megelőzni a környezet és az emberi egészség károsodását, mely bekövetkezhetne, ha nem követi a hulladék kezelés helyes módját. Az anyagok újrahasznosítása segít a természeti erőforrások megőrzésében. A termék újrahasznosítása érdekében további információért forduljon a lakóhelyén az illetékesekhez, a helyi hulladékgyűjtő szolgáltatóhoz vagy ahhoz az üzlethez, ahol a terméket megvásárolta.

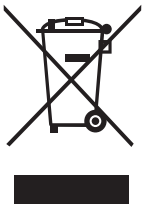
Česky



Likvidace použitých elektrických a elektronických zařízení

Tento symbol na výrobku, jeho příslušenství nebo obalu označuje, že s tímto výrobkem nesmí být zacházeno jako s domovním odpadem. Výrobek zlikvidujte jeho předáním na sběrné místo pro recyklaci elektrických a elektronických zařízení. V zemích evropské unie a jiných evropských zemích existují samostatné sběrné systémy pro shromažďování použitých elektrických a elektronických výrobků. Zajištěním jejich správné likvidace pomůžete prevenci vzniku potenciálních rizik pro životní prostředí a lidské zdraví, která by mohla vzniknout nesprávným zacházením s odpady. Recyklace odpadových materiálů napomáhá udržení přírodních zdrojů surovin - z uvedeného důvodu nelikvidujte prosím vaše stará elektrická a elektronická zařízení s domovním odpadem.
Pro získání podrobných informací k recyklaci tohoto výrobku kontaktujte prosím pracovníka ochrany životního prostředí místního (městského nebo obvodního) úřadu, pracovníky sběrného dvora nebo zaměstnance prodejny, ve které jste výrobek zakoupili.

Slovensky



Likvidácia použitých elektrických a elektronických zariadení

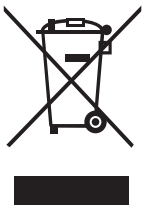
Tento symbol na výrobku, jeho príslušenstve alebo obale označuje, že sa s týmto výrobkom nesmie zaobchádzať ako s domovým odpadom. Výrobok zlikvidujte jeho odovzdaním na zbernom mieste pre recykláciu elektrických a elektronických zariadení. V krajinách európskej únie a v iných európskych krajinách existujú samostatné zberné systémy pre zhromažďovanie použitých elektrických a elektronických výrobkov. Zaistením ich správnej likvidácie pomôžete prevencii vzniku potenciálnych rizík pre životné prostredie a ľudské zdravie, ktoré by mohli vzniknúť nesprávnym zaobchádzaním s odpadmi. Recyklácia odpadových materiálov napomáha udržaniu prírodných zdrojov surovín – z uvedeného dôvodu nelikvidujte prosím vaše staré elektrické a elektronické zariadenia s domovým odpadom.
Pre získanie potrebných informácií k recyklácii tohto výrobku kontaktujte prosím pracovníka ochrany životného prostredia miestneho (mestského či obvodného) úradu, pracovníkov zberného dvora alebo zamestnancov predajne, v ktorej ste výrobok zakúpili.

Slovensko

Oddaja stare električne in elektronske opreme (veljavno v evropski uniji in ostalih evropskih držav**ah s sistemom zbiranja ločenih odpadkov**)

Če se na izdelku ali a njegovi embalaži nahaja ta simbol, pomeni, da z izdelkom ne smete ravnati enako kot z drugimi gospodinjskimi odpadki. Morate ga oddati na ustrezno zbirno mesto za recikliranje električne in elektronske opreme. S pravilno oddajo tega izdelka boste pomagali preprečiti negativne posledice na okolje in zdravje ljudi, do katerih bi prišlo v primeru neustreznega ravnanja ob odstranitvi tega izdelka. Recikliranje materiala bo pripomoglo k ohranjevanju naravnih virov. Podrobnejše informacije o reciklitanju tega izdelka lahko dobite pri lokalni mestni upravi, službi oddajanja gospodinjskih odpadkov ali v trgovini, kjer ste izdelek kupili. Odpadno električno in elektronsko opremo lahko oddate brezplačno tudi distributerju neposredno ob dobavi električne oz. elektronske opreme.

Svenska



Omhändertagande av gamla elektriska och elektroniska produkter (Användbar i den Europeiska Unionen och andra Europeiska länder med separata insamlingssystem)

Symbolen på produkten eller emballaget anger att produkten inte får hanteras som hushållsavfall. Den skall i stället lämnas in på uppsamlingsplats för återvinning av el- och elektronikkomponenter. Genom att säkerställa att produkten hanteras på rätt sätt bidrar du till att förebygga eventuellt negativa miljöoch hälsoeffekter som kan uppstå om produkten kasseras som vanligt avfall. Återvinning av material hjälper till att bibehålla naturens resurser. För ytterligare om återvinning bör du kontakta lokala myndigheter eller sophämtningstjänst eller affären där du köpte varan.

Norsk

Avhending av gamle elektriske og elektroniske apparater (gjelder i den Europeiske Unionen og andre europeiske land med separat innsamlingssystem)

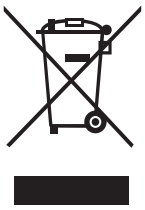
Dette symbolet på produktet eller innpakningen indikerer at dette produktet ikke må håndteres som husholdningsavfall. I stedet skal det leveres inn til spesielt innsamlingspunkt for gjenvinning av det elektriske og elektroniske utstyret. Ved å sørge for at dette produktet avhendes på korrekt måte, vil du hjelpe til med å forhindre potensielle negative påvirkninger på miljøet og helse, som ellers kan være resultatet av feilaktig avfallshåndtering av dette produktet. Gjenvinning av disse materialene vil hjelpe til med å ta vare på våre maturressurser. For mer informasjon om gjenvinning av dette produktet, kan du kontakte lokale myndigheter.

Suomi

Käytöstä poistetun sähkö-ja elektroniikkalaitteen hävitys (Euroopan Unioni ja muiden Euroopan maiden keräysjärjestelmät)

Symboli, joka on merkitty Tuotteeseen tai sen pakkaukseen, osoittaa, että tätä tuotetta ei saa käsitellä talousjätteenä. Tuote on sen sijaan luovutettava sopivaan sähkö-ja elektroniikkalaitteiden kierrätyksestä huolehtivaan keräyspisteeseen. Tämän tuotteen asianmukaisen hävittämisen varmistamisella autetaan estämään sen mahdolliset ympäristöön ja terveyteen kohdistuvat haittavaikutukset, joita voi aiheutua muussa tapauksessa tämän tuotteen epäasianmukaisesta jätekäsittelystä. Materiaalien kierrätys säästää luonnonvaroja. Tarkempia tietoja tämän tuotteen kierrättämisestä saa paikallisesta kunnantoimistosta.

Dansk



Håndtering af udtjente elektriske og elektroniske produkter (Gælder for den Europæiske Union og andre europæiske lande med separate indsamlingssystemer)

Dette symbol på produktet eller emballagen angiver, at produktet ikke må behandles som husholdningsaffald. Det skal i stedet indleveres på en deponeringsplads specielt indrettet til modtagelse og oparbejdning af elektriske og elektroniske produkter. Ved at sikre at produktet bortskaffes korrekt, forebygges de eventuelle negative miljø-og sundhedsskadelige påvirkninger, som en ukorrekt affaldshåndtering af produktet kan forårsage. Genindvinding af materialer vil medvirke til at bevare naturens ressourcer. Yderligere information om genindvindingen af dette produkt kan fås hos myndighederne, det lokale renovationsselskab eller butikken, hvor produktet blev købt.